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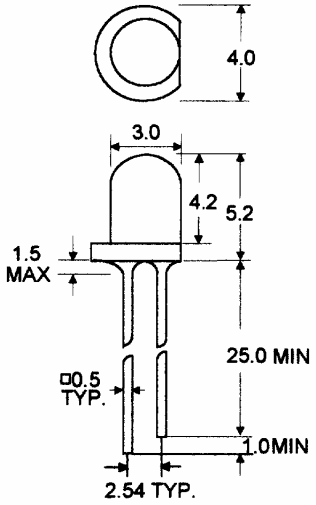
Jameco Part Number 34622

LIGITEK

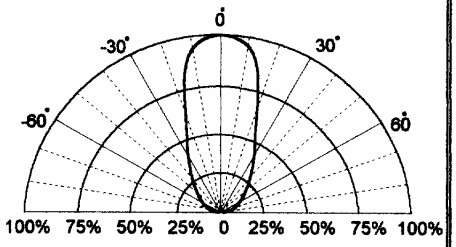
ROUND TYPE LED LAMPS — LX2040 SERIES

Package Dimension



Note: All dimension are in millimeter tolerance is ±0.25mm unless otherwise noted.

Radiation



• Part Selection And Application Information (Ratings At 25°C Ambient)

PART NO	MATERIAL	COLOR		peak wave length λPnm	spectral halfwidth Δλ nm	forward voltage @20mA(v)		luminous intensity @10mA(mcd)		viewing angle 2θ 1/2 (deg)
		Emitted	Len's			Min	Max	Min	Typ.	
LR2040	GaAsP	Red	Red Diffused	655	40	1.5	2.0	0.9	1.5	50
LH2040	GaP	Red	Red Diffused	697	90	1.7	2.8	2.5	4.5	50
LG2040	GaP	Green	Green Diffused	565	30	1.7	2.8	10	18	50
LY2040	GaAsP/GaP	Yellow	Yellow Diffused	585	35	1.7	2.8	9.0	15	50
LE2040	GaAsP/GaP	Orange	Orange Diffused	635	45	1.7	2.8	9.0	15	50
LI2040	GaAsP/GaP	Orange	Red Diffused	630	45	1.7	2.8	9.0	15	50

• Absolute Maximum Rating (Ta=25°C)

PARAMETER	RED		GREEN	YELLOW	ORANGE		UNIT	REMARK
	R	H	G	Y	I	E		
Forward Current	40	15	30	20	30	30	mA	
Peak Current Duty 1/10 @1Khz	200	60	120	80	120	120	mA	
Power Dissipation	80	40	100	60	100		mW	
Reverse Current @5V	10		10	10	10		μA	
Operating Temperature	-40°C TO +85°C							
Storage Temperature	-40°C TO +100°C							
Lead Soldering Temperature 260°C For 5 Seconds (2.0mm From Body)								

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